

Docket No. 2001-024-TAP

ABSTRACT OF THE DISCLOSURE

CONTINUOUSLY VARIABLE STORAGE DEVICE DATA TRANSFER RATE

5 A method and apparatus for timing reads and writes
to a moving physical storage medium capable of being
operated over a continuous range of speeds is disclosed.
Reference regions on the moving storage medium are read
as the medium moves past a read head. This produces a
10 timing signal, which can be processed to produce a clock
signal. This clock signal can then be used to time reads
and writes to and from the medium so that the medium may
be read or written to at any speed, while preserving the
same physical size for each recording item of data on the
15 medium.

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